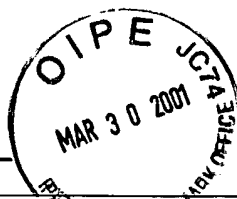


Attorney's Docket No. \_\_\_\_\_



PATENT

#3

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: (check one applicable item below)

- ☒ original  
☐ design  
☐ supplemental

*NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.*

☐ national stage of PCT

*NOTE: if one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.*

- ☐ divisional  
☐ continuation  
☐ continuation-in-part (C-I-P)

**INVENTORSHIP IDENTIFICATION**

**WARNING:** If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

**AUTHENTICATION IN A PACKET DATA NETWORK**

**SPECIFICATION IDENTIFICATION**

the specification of which: (complete (a), (b) or (c))

- (a) ☐ is attached hereto.  
(b) ☒ was filed on 8 January 2001 as ☒ Serial No. 09/756,346  
or ☐ Express Mail No., as Serial No. not yet known  
and was amended on \_\_\_\_\_ (if applicable)

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

- (c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

- ☒ which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

#### PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☐ no such applications have been filed.
- (e) ☒ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	20000760	31.3.2000	<input checked="" type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6) MONTHS FOR DESIGN PRIOR TO THIS U.S. APPLICATION**

---



---



---

*NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.*

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(List name and registration number)*

Clarence A. Green (24,622)  
Harry F. Smith (32,493)  
Mark F. Harrington (31,686)

*(check the following item, if applicable)*

☐ Attached as part of this declaration and power of attorney is the authorization of the above named attorney(s) to accept and follow instructions from my representative(s).

---

SEND CORRESPONDENCE TO

Perman & Green  
425 Post Road  
Fairfield, CT 06430-6232

DIRECT TELEPHONE CALLS TO:

(Name and telephone number)

Mark F. Harrington

(203) 259-1800

---

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

*NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.*

Full name of sole or first inventor

Henry

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HAVERINEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Arkkitehdinkatu 15 A 3, FIN-33720 Tampere, Finland

---

Full name of second joint inventor, if any

Jukka-Pekka

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Aleksanterinkatu 17 A 46, FIN-33100 Tampere, Finland

---

Full name of third joint inventor, if any

Antti

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

KUIKKA

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Insinöörinkatu 84 C 39, FIN-33720 Tampere, Finland

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM  
A PART OF THIS DECLARATION

☒ Signature for fourth and subsequent joint inventors. *Number of pages added* 3

...

☐ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. *Number of pages added*

...

☐ Signature for inventor who refuses to sign or cannot be reached by person authorised under 37 CFR 1.47. *Number of pages added*

...

☐ Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time (37 CFR 1.47).

...

☐ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application. *Number of pages added*

...

☐ Authorization of attorney(s) to accept and follow instructions from representative.

...

*(If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:)*

☐ This declaration ends with this page.

## SIGNATURE(S)

*NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.*

Full name of fourth inventor, if any

Nadarajah  
(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

ASOKAN  
FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Canada

Residence Espoo, Finland

Post Office Address Ankkurinvarsi 6 K, FIN-02320 Espoo, Finland

Full name of fifth joint inventor, if any

Patrik  
(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

FLYKT  
FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Silmupolku 1 B 43, FIN-00380 Helsinki, Finland

Full name of sixth joint inventor, if any

Juha  
(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

ALA-LAURILA  
FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Mustalahdenkatu 10 A 5, FIN-33210 Tampere, Finland

Full name of seventh joint inventor, if any

Jyri  
(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

RINNEMAA  
FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Kaiturinkatu 16 A 5, FIN-33820 Tampere, Finland

Full name of eighth joint inventor, if any

Timo

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

TAKAMÄKI

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Helaraitti 1 B, FIN-33720 Tampere, Finland

Full name of ninth joint inventor, if any

Raimo

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

VUONNALA

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date 15th February Country of Citizenship Finland

Residence Espoo, Finland

Post Office Address Finnoontie 54 M 33, FIN-02280 Espoo, Finland

Full name of tenth joint inventor, if any

Jan-Erik

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

EKBERG

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Seljatie 1 A 5, FIN-00320 Helsinki, Finland

Full name of eleventh joint inventor, if any

Tommi

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

MIKKONEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Peltovainionkatu 45, FIN-33400 Tampere, Finland

Full name of twelfth joint inventor, if any

Petri

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

AALTO

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Pirkkala, Finland

Post Office Address Pärrinkuja 2, FIN-33920 Pirkkala, Finland

\_\_\_\_\_  
Full name of thirteenth joint inventor, if any

Seppo

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Mustanhalssinkuja 11, FIN-00760 Helsinki, Finland



Attorney's Docket No. \_\_\_\_\_

PATENT



#3

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

- ☒ original  
☐ design  
☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT

NOTE: if one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

- ☐ divisional  
☐ continuation  
☐ continuation-in-part (C-I-P)

INVENTORSHIP IDENTIFICATION

**WARNING:** If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

AUTHENTICATION IN A PACKET DATA NETWORK

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b) or (c))

- (a) ☐ is attached hereto.  
(b) ☒ was filed on 8 January 2001 as ☒ Serial No. 09/756,346  
or ☐ Express Mail No., as Serial No. not yet known  
and was amended on \_\_\_\_\_ (if applicable)

(Declaration and Power of Attorney [1-1]-page 1 of 5)

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

- (c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

- ☒ which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

#### PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☐ no such applications have been filed.
- (e) ☒ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
<b>Finland</b>	<b>20000760</b>	<b>31.3.2000</b>	<input checked="" type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6) MONTHS FOR DESIGN PRIOR TO THIS U.S. APPLICATION**

---



---



---

*NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.*

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(List name and registration number)*

Clarence A. Green (24,622)  
Harry F. Smith (32,493)  
Mark F. Harrington (31,686)

*(check the following item, if applicable)*

☐ Attached as part of this declaration and power of attorney is the authorization of the above named attorney(s) to accept and follow instructions from my representative(s).

---

SEND CORRESPONDENCE TO

Perman & Green  
425 Post Road  
Fairfield, CT 06430-6232

DIRECT TELEPHONE CALLS TO:

(Name and telephone number)

Mark F. Harrington

(203) 259-1800

---

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

*NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.*

Full name of sole or first inventor

Henry

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HAVERINEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Arkkitehdinkatu 15 A 3, FIN-33720 Tampere, Finland

\_\_\_\_\_

Full name of second joint inventor, if any

Jukka-Pekka

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Aleksanterinkatu 17 A 46, FIN-33100 Tampere, Finland

\_\_\_\_\_

Full name of third joint inventor, if any

Antti

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

KUIKKA

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Insinöörinkatu 84 C 39, FIN-33720 Tampere, Finland

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM  
A PART OF THIS DECLARATION

☒ Signature for fourth and subsequent joint inventors. *Number of pages added* 3

...

☐ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. *Number of pages added*

...

☐ Signature for inventor who refuses to sign or cannot be reached by person authorised under 37 CFR 1.47. *Number of pages added*

...

☐ Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time (37 CFR 1.47).

...

☐ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application. *Number of pages added*

...

☐ Authorization of attorney(s) to accept and follow instructions from representative.

...

*(If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:)*

☐ This declaration ends with this page.

## SIGNATURE(S)

*NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.*

Full name of fourth inventor, if any

Nadarajah (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) ASOKAN (FAMILY (OR LAST NAME))

Inventor's signature Nolaj  
Date 2.3.2001 Country of Citizenship Canada  
Residence Espoo, Finland  
Post Office Address Ankkurinvarsi 6 K, FIN-02320 Espoo, Finland

Full name of fifth joint inventor, if any

Patrik (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) FLYKT (FAMILY (OR LAST NAME))

Inventor's signature Patrik Flykt  
Date 28.2.2001 Country of Citizenship Finland  
Residence Helsinki, Finland  
Post Office Address Silmupolku 1 B 43, FIN-00380 Helsinki, Finland

Full name of sixth joint inventor, if any

Juha (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) ALA-LAURILA (FAMILY (OR LAST NAME))

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Mustalahdenkatu 10 A 5, FIN-33210 Tampere, Finland

Full name of seventh joint inventor, if any

Jyri (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) RINNEMAA (FAMILY (OR LAST NAME))

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Kaiturinkatu 16 A 5, FIN-33820 Tampere, Finland

Full name of eighth joint inventor, if any

Timo                      TAKAMÄKI  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Helaraitti 1 B, FIN-33720 Tampere, Finland

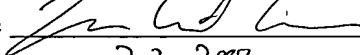
Full name of ninth joint inventor, if any

Raimo                      VUONNALA  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Espoo, Finland  
Post Office Address Finnoontie 54 M 33, FIN-02280 Espoo, Finland

Full name of tenth joint inventor, if any

Jan-Erik G EKBERG  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature   
Date 2.3 2007 Country of Citizenship Finland  
Residence Helsinki, Finland  
Post Office Address Seljatie 1 A 5, FIN-00320 Helsinki, Finland

Full name of eleventh joint inventor, if any

Tommi                      MIKKONEN  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Peltovainionkatu 45, FIN-33400 Tampere, Finland

Full name of twelfth joint inventor, if any

Petri

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

AALTO

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Pirkkala, Finland

Post Office Address Pärrinkuja 2, FIN-33920 Pirkkala, Finland

Full name of thirteenth joint inventor, if any

Seppo

(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature Seppo Honkanen

Date 26.2.2001 Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Mustanhalssinkuja 11, FIN-00760 Helsinki, Finland



Attorney's Docket No. \_\_\_\_\_



PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

- ☒ original  
☐ design  
☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT

NOTE: if one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

- ☐ divisional  
☐ continuation  
☐ continuation-in-part (C-I-P)

INVENTORSHIP IDENTIFICATION

**WARNING:** If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

AUTHENTICATION IN A PACKET DATA NETWORK

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b) or (c))

- (a) ☐ is attached hereto.  
(b) ☒ was filed on 8 January 2001 as ☒ Serial No. 09/756,346  
or ☐ Express Mail No., as Serial No. not yet known  
and was amended on \_\_\_\_\_ (if applicable)

(Declaration and Power of Attorney [1-1]-page 1 of 5)

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

- (c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

- ☒ which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

#### PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☐ no such applications have been filed.
- (e) ☒ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	20000760	31.3.2000	<input checked="" type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>
			<input type="checkbox"/> YES      NO <input type="checkbox"/>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6) MONTHS FOR DESIGN PRIOR TO THIS U.S. APPLICATION**

---



---



---

*NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.*

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(List name and registration number)*

Clarence A. Green (24,622)  
Harry F. Smith (32,493)  
Mark F. Harrington (31,686)

*(check the following item, if applicable)*

☐ Attached as part of this declaration and power of attorney is the authorization of the above named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

Perman & Green  
425 Post Road  
Fairfield, CT 06430-6232

DIRECT TELEPHONE CALLS TO:

(Name and telephone number)

Mark F. Harrington

(203) 259-1800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

Henry

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

HAVERINEN

FAMILY (OR LAST NAME)

Inventor's signature Henry

Date 19.8.2001 Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Arkkitehdinkatu 15 A 3, FIN-33720 Tampere, Finland

Full name of second joint inventor, if any

Jukka-Pekka

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature Jukka-Pekka

Date 14th February 2001 Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Aleksanterinkatu 17 A 46, FIN-33100 Tampere, Finland

Full name of third joint inventor, if any

Antti

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

KUIKKA

FAMILY (OR LAST NAME)

Inventor's signature

Antti Kuikka

Date 15th February 2001

Country of Citizenship Finland

Residence Tampere, Finland PIRKKALA, FINLAND

Post Office Address Insinöörinkatu 84 C 39, FIN-33720 Tampere, Finland

KATTILAISTENTIE 28 D 17, FIN-33960 PIRKKALA, FINLAND

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM  
A PART OF THIS DECLARATION



Signature for fourth and subsequent joint inventors. *Number of pages added* 3

...



Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. *Number of pages added*

...



Signature for inventor who refuses to sign or cannot be reached by person authorised under 37 CFR 1.47. *Number of pages added*

...



Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time (37 CFR 1.47).

...



Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application. *Number of pages added*

...



Authorization of attorney(s) to accept and follow instructions from representative.

...

*(If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:)*



This declaration ends with this page.

## SIGNATURE(S)

*NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.*

Full name of fourth inventor, if any

Nadarajah (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) ASOKAN (FAMILY (OR LAST NAME))

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Canada

Residence Espoo, Finland

Post Office Address Ankkurinvarsi 6 K, FIN-02320 Espoo, Finland

Full name of fifth joint inventor, if any

Patrik (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) FLYKT (FAMILY (OR LAST NAME))

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Silmupolku 1 B 43, FIN-00380 Helsinki, Finland

Full name of sixth joint inventor, if any

Juha (GIVEN NAME) P (MIDDLE INITIAL OR NAME) ALA-LAURILA (FAMILY (OR LAST NAME))

Inventor's signature  \_\_\_\_\_


Date 19.2.2001 Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Mustalahdenkatu 10 A 5, FIN-33210 Tampere, Finland

Full name of seventh joint inventor, if any

Jyri (GIVEN NAME) \_\_\_\_\_ (MIDDLE INITIAL OR NAME) RINNEMAA (FAMILY (OR LAST NAME))

Inventor's signature  \_\_\_\_\_

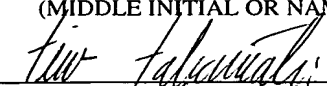
Date 19th February 2001 Country of Citizenship Finland

Residence Tampere, Finland

Post Office Address Kaiturinkatu 16 A 5, FIN-33820 Tampere, Finland

Full name of eighth joint inventor, if any

Timo H TAKAMÄKI  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature   
Date February 21st 2001 Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Helaraitti 1 B, FIN-33720 Tampere, Finland

Full name of ninth joint inventor, if any

Raimo  VUONNALA  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Espoo, Finland  
Post Office Address Finnoontie 54 M 33, FIN-02280 Espoo, Finland

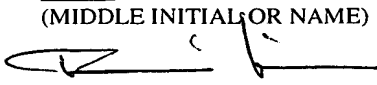
Full name of tenth joint inventor, if any

Jan-Erik  EKBERG  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Country of Citizenship Finland  
Residence Helsinki, Finland  
Post Office Address Seljatie 1 A 5, FIN-00320 Helsinki, Finland

Full name of eleventh joint inventor, if any

Tommi  MIKKONEN  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature   
Date 20th February 2001 Country of Citizenship Finland  
Residence Tampere, Finland  
Post Office Address Peltovainionkatu 45, FIN-33400 Tampere, Finland

Full name of twelfth joint inventor, if any

Petri

(GIVEN NAME)

J

(MIDDLE INITIAL OR NAME)

AALTO

FAMILY (OR LAST NAME)

Inventor's signature Petri Aalto

Date 21 Feb 2001

Country of Citizenship Finland

Residence Pirkkala, Finland

Post Office Address Pärrinkuja 2, FIN-33920 Pirkkala, Finland

Full name of thirteenth joint inventor, if any

Seppo

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

HONKANEN

FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Finland

Residence Helsinki, Finland

Post Office Address Mustanhalssinkuja 11, FIN-00760 Helsinki, Finland